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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/557,913	04/21/2000	Akihiko Noda	35.G2576	9394

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NEW YORK, NY 10112

EXAMINER
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EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 11/20/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/557,913

**Applicant(s)**

NODA, AKIHIKO

**Examiner**

Saeid Ebrahimi-dehKordy

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-100 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-100 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All   b) ☐ Some \*   c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-100 are rejected under 35 U.S.C. 102(e) as being anticipated by Okimoto et al (U.S patent 6,449,055)

Regarding claim 1 Okimoto et al disclose: An information processing apparatus for transmitting print data constructing a print job, comprising: transfer means for transferring said print data (please note column 6 lines 55-60, also note column 14 lines 20-24) and detecting means for detecting an instruction to cancel said print job (please note column 17 lines 45-49 where the program detects if the cancel command has been received) wherein said transfer means transfers the print data including predetermined information (please note column 7 lines 28-35) when said detecting means detects the instruction to cancel said print job (please note column 7 lines 38-41).

Regarding claim 2 Okimoto et al disclose: An apparatus according to claim 1, wherein said transfer means divides said print data constructing said print job, and transfers said divided print data (please note column 7 lines 1-11).

Regarding claims 3 and 34 Okimoto et al disclose: An apparatus according to claim 2, wherein said transfer means adds header information to said divided print data (please note column 7 lines 28-33) and transfers said divided print data with said header information (please note column 7 lines 28-41).

Regarding claim 4 Okimoto et al disclose: An apparatus according to claim 3, wherein said predetermined information is included in said header information (please note column 7 lines 1-4).

Regarding claims 5,19,57 and 97 Okimoto et al disclose: An apparatus according to claim 4, wherein a command code indicating that said print data is included is included in said header information (please note column 7 lines 1-11).

Regarding claims 6 and 27 Okimoto et al disclose: An apparatus according to claim 1, further comprising instructing means for instructing said apparatus to cancel said print job wherein said detecting means detects that said instructing means instructs said apparatus to cancel said print job (please note column 7 lines 35-41).

Regarding claims 7 and 28 Okimoto et al disclose: An apparatus according to claim 6, wherein said instructing means displays data to instruct said apparatus to cancel said print job (please note column 13 lines 27-30).

Regarding claim 8 Okimoto et al disclose: An apparatus according to claim 1, wherein said transfer means transfers temporary print data (please note column 15 lines 13-18).

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Regarding claim 9 Okimoto et al disclose: An apparatus according to claim 8, wherein said temporary print data is vacant print data (please note column 15 lines 30-35).

Regarding claim 10 Okimoto et al disclose: An apparatus according to claim 1, wherein said transfer means transfers said print data to a printer (please note column 11 lines 62-67).

Regarding claims 11 and 24 Okimoto et al disclose: An apparatus according to claim 1, wherein said print data is print data, which is written by a page description language (please note column 21 lines 16-25).

Regarding claims 12,50,70 and 90 Okimoto et al disclose: A print control apparatus for receiving print data constructing print job (please note column 11 lines 45-50) comprising: receiving means for receiving said print data (please note Fig.7 column 14 lines 19-25) analyzing means for analyzing whether or not predetermined information is included in said print data which is received by said receiving means (please note column 14 lines 25-43) and control means for controlling an operation to cancel said print job constructed by said print data when said predetermined information is included as an analysis result by said analyzing means (please note column 7 lines 35-41).

Regarding claim 13,51 and 91 Okimoto et al disclose: An apparatus according to claim 12, wherein said control means controls the operation to delete said print data constructing said print job (please note column 18 lines 65-67 and column 19 lines 1-10).

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Regarding claims 14,52 and 92 Okimoto et al disclose: An apparatus according to claim 12, further comprising storing means for storing said print data constructing said print job, wherein said control means controls the operation to delete said print data stored to said storing means (please note column 19 lines 1-15 also column 19 lines 30-40).

Regarding claims 15,53 and 93 Okimoto et al disclose: An apparatus according to claim 12, wherein said control means control the operation to make said print data constructing said print job invalid (please note column 22 lines 1-3).

Regarding claims 16,54 and 94 Okimoto et al disclose: An apparatus according to claim 15, further comprising storing means for storing said print data constructing said print job, wherein said control means controls the operation to make said print data stored to said storing means invalid (please note column 22 lines 1-8).

Regarding claim 17,55 and 95 Okimoto et al disclose: An apparatus according to claim 12, wherein said control means controls the operation to stop a process for printing said print data constructing said print job (please note column 13 lines 9-15).

Regarding claims 18,35,56 and 96 Okimoto et al disclose: An apparatus according to claim 12, wherein said receiving means receives said print data which is divided with header information and said analyzing means analyzes whether or not said predetermined information is included in said header information (please note column 7 lines 1-40).

Regarding claims 20,58 and 98 Okimoto et al disclose: An apparatus according to claim 18, further comprising job managing means for issuing a job ID to said print job

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constructed by said print data, when information indicative of start of the print job is included in said header information, wherein said control means controls the operation to cancel the print job based upon said job ID (please note column 7 lines 34-40).

Regarding claims 21,37,59,79 and 99 Okimoto et al disclose: An apparatus according to claim 12, further comprising printing means for printing data, based upon said print data (please note column 11 lines 62-67).

Regarding claims 22,38 An apparatus according to claim 21, wherein said printing means is based on an ink jet system (please note column 27 lines 5-16).

Regarding claims 23,39 An apparatus according to claim 21, wherein said printing means is based on an electrophotographic system.

Regarding claims 25,40,60 and 100 Okimoto et al disclose: An apparatus according to claim 12, wherein said print is color print (please note column 21 lines 50-55).

Regarding claim 26 Okimoto et al disclose: A print system having an information processing apparatus for transmitting print data constructing a print job and a print control apparatus for receiving said print data (please note column 14 lines 19-24) comprising: detecting means for detecting an instruction to cancel said print job (please note column 17 lines 45-49 where the program detects if the cancel command has been received) transfer means for transferring said print data from said information processing apparatus to said print control apparatus (please note column 14 lines 19-24) and transferring the print data including predetermined information when said detecting means detects the instruction to cancel said print job (please note column 7 lines 35-40) analyzing means for analyzing whether or not the predetermined

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information is included in said print data transferred by said transfer means (please note column 14 lines 25-43) and control means for controlling an operation to cancel said print job constructed by said print data when said predetermined information is included as an analysis result by said analyzing means (please note column 7 lines 28-40).

Regarding claim 29 Okimoto et al disclose: A system according to claim 26, wherein said control means controls the operation to delete said print data constructing said print job (please note column 18 lines 65-67 and column 19 lines 1-10).

Regarding claim 30 Okimoto et al disclose: A system according to claim 29, further comprising storing means for storing said print data constructing said print job, wherein said control means controls the operation to delete said print data stored to said storing means (please note column 19 lines 1-15 also column 19 lines 30-40).

Regarding claim 31 Okimoto et al disclose: A system according to claim 26, wherein said control means controls the operation to make said print data constructing said print job invalid (please note column 22 lines 1-3).

Regarding claim 32 Okimoto et al disclose: A system according to claim 31, further comprising storing means for storing said print data constructing said print job, wherein said control means controls the operation to make said print data stored to said storing means invalid (please note column 22 lines 1-8).

Regarding claim 33 Okimoto et al disclose: A system according to claim 26, wherein said control means controls the operation to stop a process for printing said print data constructing said print job (please note column 13 lines 9-15).



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Regarding claim 36 Okimoto et al disclose: A system according to claim 35, wherein a command code indicating that said print data is included is included in said header information (please note column 7 lines 1-11).

Regarding claims 41,61 and 81 Okimoto et al disclose: An information processing method for transmitting print data constructing a print job, comprising the steps of: a transfer step for transferring said print data (please note column 14 lines 19-25) and a detecting step for detecting an instruction to cancel said print job (please note column 17 lines 45-49 where the program detects if the cancel command has been received) wherein the print data including predetermined information is transferred in said transfer step when the instruction to cancel said print job is detected in said detecting step (please note column 7 lines 35-41).

Regarding claims 42, 62 and 82 Okimoto et al disclose: A method according to claim 41, wherein said print data constructing said print job is divided and said divided print data is transferred in said transfer step (please note column 7 lines 1-11).

Regarding claims 43,63 and 83 Okimoto et al disclose: A method according to claim 42, wherein header information is added to said divided print data (please note column 7 lines 28-33) and said divided print data with said header information is transferred in said transfer step (please note column 7 lines 28-41).

Regarding claims 44,64 and 84 Okimoto et al disclose: A method according to claim 43, wherein said predetermined information is included in said header information (please note column 7 lines 35-41).

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Regarding claims 45,65 and 85 Okimoto et al disclose: A method according to claim 44, wherein a command code indicating that said print data is included is included in said header information (please note column 7 lines 1-11).

Regarding claims 46,66 and 86 Okimoto et al disclose: A method according to claim 41, further comprising an instructing step for instructing cancel of said print job wherein it is detected in said detecting step that the cancel of said print job is instructed in said instructing step (please note column 7 lines 29-41).

Regarding claims 47,67 and 87 Okimoto et al disclose: A method according to claim 46, wherein data is displayed to instruct the cancel of said print job in said instructing step (please note column 13 lines 27-30).

Regarding claims 48,68 and 88 Okimoto et al disclose: A method according to claim 41, wherein temporary print data is transferred in said transfer step (please note column 15 lines 13-18).

Regarding claims 49,69 and 89 Okimoto et al disclose: A method according to claim 48, wherein said temporary print data is vacant print data (please note column 15 lines 30-35).

Regarding claim 71 Okimoto et al disclose: A medium according to claim 70, wherein the operation is controlled to delete said print data constructing said print job in said control step (please note column 18 lines 65-67 and column 19 lines 1-10).

Regarding claim 72 Okimoto et al disclose: A medium according to claim 70, further comprising a storing step for storing said print data constructing said print job to a memory, wherein the operation is controlled to delete said print data stored to said

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memory in said control step (please note column 19 lines 1-15 also column 19 lines 30-40).

Regarding claim 73 Okimoto et al disclose: A medium according to claim 70, wherein the operation is controlled to make said print data constructing said print data invalid said control step (please note column 22 lines 1-3).

Regarding claim 74 Okimoto et al disclose: A medium according to claim 70, further comprising a storing step for storing said print data constructing said print job to a memory, wherein the operation is controlled to make said print data stored to said memory invalid in said control step (please note column 22 lines 1-8).

Regarding claim 75 Okimoto et al disclose: A medium according to claim 70, wherein the operation is controlled to stop a process for printing said print data constructing print job in said control step (please note column 13 lines 9-15).

Regarding claim 76 Okimoto et al disclose: A medium according to claim 70, wherein said print data which is divided with header information is received in said receiving step, and it is analyzed whether or not said predetermined information is included in said header information in said analyzing step (please note column 7 lines 1-40).

Regarding claim 77 Okimoto et al disclose: A medium according to claim 76, wherein a command code indicating that said print data is included is included in said header information (please note column 7 lines 1-11).

Regarding claim 78 Okimoto et al disclose: A medium according to claim 70, further comprising a job managing step for issuing a job ID to said print job constructed

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by said print data, when information indicative of start of the print job is included in said header information, wherein the operation is controlled to cancel the print job on the basis of said job ID in said control step (please note column 7 lines 34-40)

Regarding claim 80 Okimoto et al disclose: A medium according to claim 70, wherein said print is color print (please note column 21 lines 50-55).

### **Contact Information**

- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (703) 306-3487.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (703) 305-4863.

#### **Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
Washington, D.C. 20231

#### **Or faxed to:**

(703) 872-9306, or (703) 308-9052 (for ***formal*** communications; please mark  
"EXPEDITED PROCEDURE")

#### **Or:**


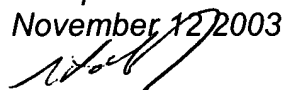
(703) 306-5406 (for ***informal*** or ***draft*** communications, please label  
"PROPOSED" or "DRAFT")

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**Hand delivered responses** should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy  
Patent Examiner  
Group Art Unit 2626  
November 12, 2003



KIMBERLY WILLIAMS  
SUPERVISORY PATENT EXAMINER